

PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Anthony P. Shuber

Serial No.: 08/474,450

Filed: June 7, 1995

For: **UNIVERSAL PRIMER SEQUENCE FOR
MULTIPLEX DNA AMPLIFICATION**

) Examiner: J. Tung

) Art Unit: 1634

) **THIRD SUPPLEMENTAL
AMENDMENT AFTER FINAL
REJECTION****BOX AF**Assistant Commissioner For Patents
Washington, D.C. 20231

Sir:

Applicants are hereby submitting a Third Amendment After Final. The Examiner is respectfully requested to make the following amendments.

AMENDMENTS**IN THE CLAIMS**

1. (Twice Amended) A [plurality] ~~multiplicity~~ of single-stranded oligonucleotide DNA primers for simultaneous amplification of multiple target DNA sequences under a single set of reaction conditions in a single multiplex polymerase chain reaction (PCR), said primers having a 5' X domain [domain, X, and a 3' domain, Y] and a 3' Y domain, wherein;

a) [said 5'-X domains] each said 5' X domain comprises a common sequence that does

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile machine to Examiner Gary Jones, Facsimile No. (703) 305-7939, at the United States Patent and Trademark Office

on: March 23 1998.

Signature: Barbara Rac-Venter

Printed Name: Barbara Rac-Venter

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